

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

Date/Time: June 21, 2004

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Agency: CDPHE

Purpose of Contact: Disposition of Sanitary Sewer at B887

Discussion

A sample was collected from the sump in the sewer lift station on the north side of Building 887. This area was previously flushed with a fire hose prior to the start of building demolition, and very little material remained within the sump. The material remaining was barely sufficient for collection of the sample.

The sample was analyzed by gamma spectroscopy with the following results:

Americium 241 – non detect

Uranium 235 – 9.81 pCi/g (WRW action level is 8 pCi/g for soils)

Uranium 238 – 5.99 pCi/g (WRW action level is 351 pCi/g for soils)

Because of the elevated uranium 235 in the small amount of remaining sediment, the lift station and sump will be removed along with the manhole immediately adjacent to the lift station and the connecting sanitary sewer line. The upgradient portion of the line will be examined where cut, and a sample collected if material is present. Then the remaining line will be plugged and grouted at the open end, forming a 9 inch to 1 foot grout plug. At this time, it is anticipated that no sediment will be present because of the high volume of water used to flush the line.

Recent characterization of IHSS Group 800-5 887 UBC determined that soils in this area were not adversely impacted by material within the sump.

Contact Record Prepared By: Annette Primrose

Required Distribution:

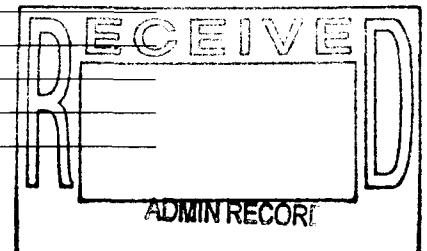
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Contact Record 6/20/02
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